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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Ophir

Docket: TI-32591

Serial No.: 09/900,395

Examiner: To Be Determined

Filed: 7/06/01

Art Unit: To Be Determined

For: System and Method of Data Communication Using Trellis Coded Modulation or Turbo Trellis Coded Modulation in Combination With Constellation Shaping With or Without Precoding When Using Concatenated Coding Schemes or When Working in a Non-Error Free Operation Point

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Commissioner for Patents  
Washington, DC 20231

MAILING CERTIFICATE UNDER 37 CFR § 1.8  
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on

September 17, 2001

Tina Smith

Dear Sir:

In response to the "Notice To File Missing Parts Of Nonprovisional Application Filed Under 37 CFR 1.53(b), Filing Date Granted" dated August 23, 2001, please find enclosed the original signed Declaration, Assignment and Assignment Cover Sheet for Lior Ophir in the above-referenced patent application.

Applicants respectfully request that the Assistant Commissioner charge the fee of \$130.00 to Deposit Account No. 20-0668 of Texas Instruments Incorporated.

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265  
(972) 917-5285  
Fax: (972) 917-4418

Respectfully Submitted,

Dwight N. Holmbo  
Dwight N. Holmbo  
Attorney for Applicants  
Reg. No. 36,410



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/900,395	07/06/2001	Lior Ophir	TI-32591

CONFIRMATION NO. 5107

## FORMALITIES LETTER



\*OC000000006466261\*

.23494

TEXAS INSTRUMENTS INCORPORATED  
P O BOX 655474, M/S 3999  
DALLAS, TX 75265

Date Mailed: 08/23/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

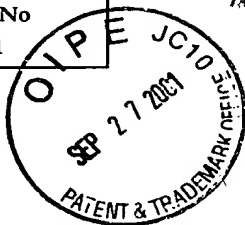
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/28/2001 MBERHE 00000107 200668 09900395

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TI Docket No  
TI-32591

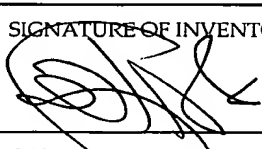


APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY

#3

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

<b>TITLE OF INVENTION:</b> System and Method of Data Communication Using Turbo Trellis Coded Modulation or Turbo Trellis Coded Modulation in Combination With Constellation Shaping With or Without Precoding When Using Concatenated Coding Schemes or When Working in a Non-Error Free Operation Point		
<b>POWER OF ATTORNEY:</b> I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH  Customer No. 23494		
<b>SEND CORRESPONDENCE TO:</b> Dwight N. Holmbo Texas Instruments Incorporated Mail Station 3999 P.O. Box 655474 Dallas, TX 75265		<b>DIRECT TELEPHONE CALLS TO:</b>  Dwight N. Holmbo (972) 917-5285 (972) 917-4418 Fax
<b>NAME OF INVENTOR:</b> (1)  Lior Ophir	<b>NAME OF INVENTOR:</b> (2)	<b>NAME OF INVENTOR:</b> (3)
<b>RESIDENCE &amp; POST OFFICE ADDRESS:</b> 34 Neve Oved St. Herzlia, Israel 46602	<b>RESIDENCE &amp; POST OFFICE ADDRESS:</b>	<b>RESIDENCE &amp; POST OFFICE ADDRESS:</b>
<b>COUNTRY OF CITIZENSHIP:</b> Israel	<b>COUNTRY OF CITIZENSHIP:</b>	<b>COUNTRY OF CITIZENSHIP:</b>
<b>SIGNATURE OF INVENTOR:</b> 	<b>SIGNATURE OF INVENTOR:</b>	<b>SIGNATURE OF INVENTOR:</b>
<b>DATE:</b> 7/11/01	<b>DATE:</b>	<b>DATE:</b>